Heckler & Koch Safety BFA and Live Round Excluder Magazine

Presented at the NDIA Joint Service Small Arms Symposium

Presented by Jim Schatz

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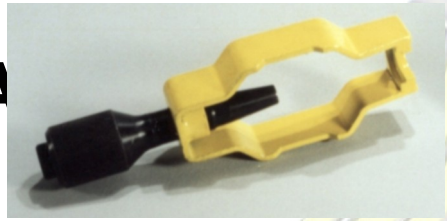

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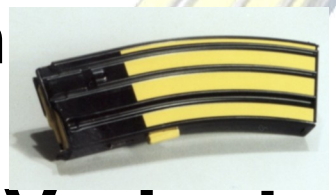

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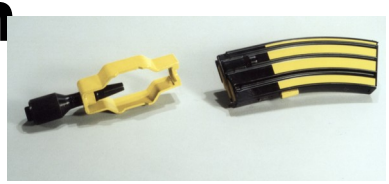

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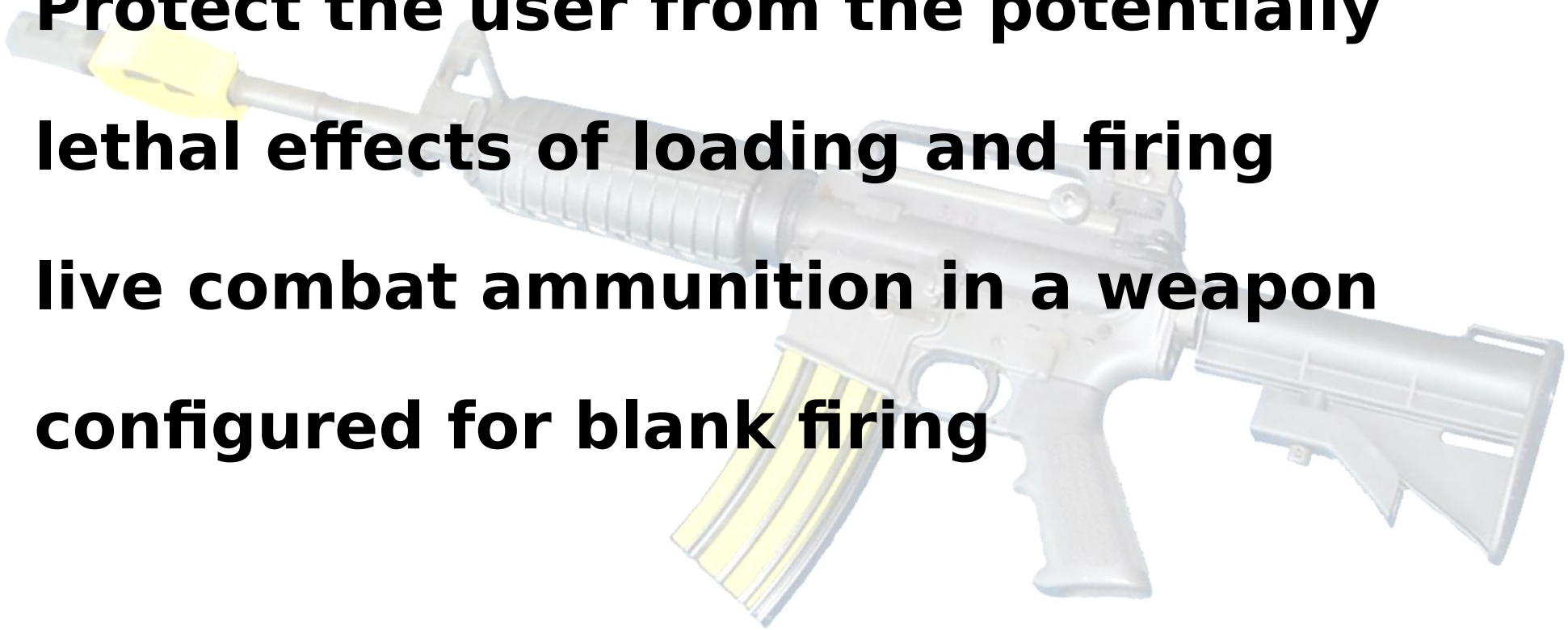
SBFA - Program

Protect the user from the potentially lethal effects of loading and firing live combat ammunition in a weapon configured for blank firing



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Safety BFA

- **Customer Requirements**
  - **Catch up to 3 live projectiles**
  - **Cost effective solution**
  - **Minimum weight solution**

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LREM Magazine

➔ Customer Requirements

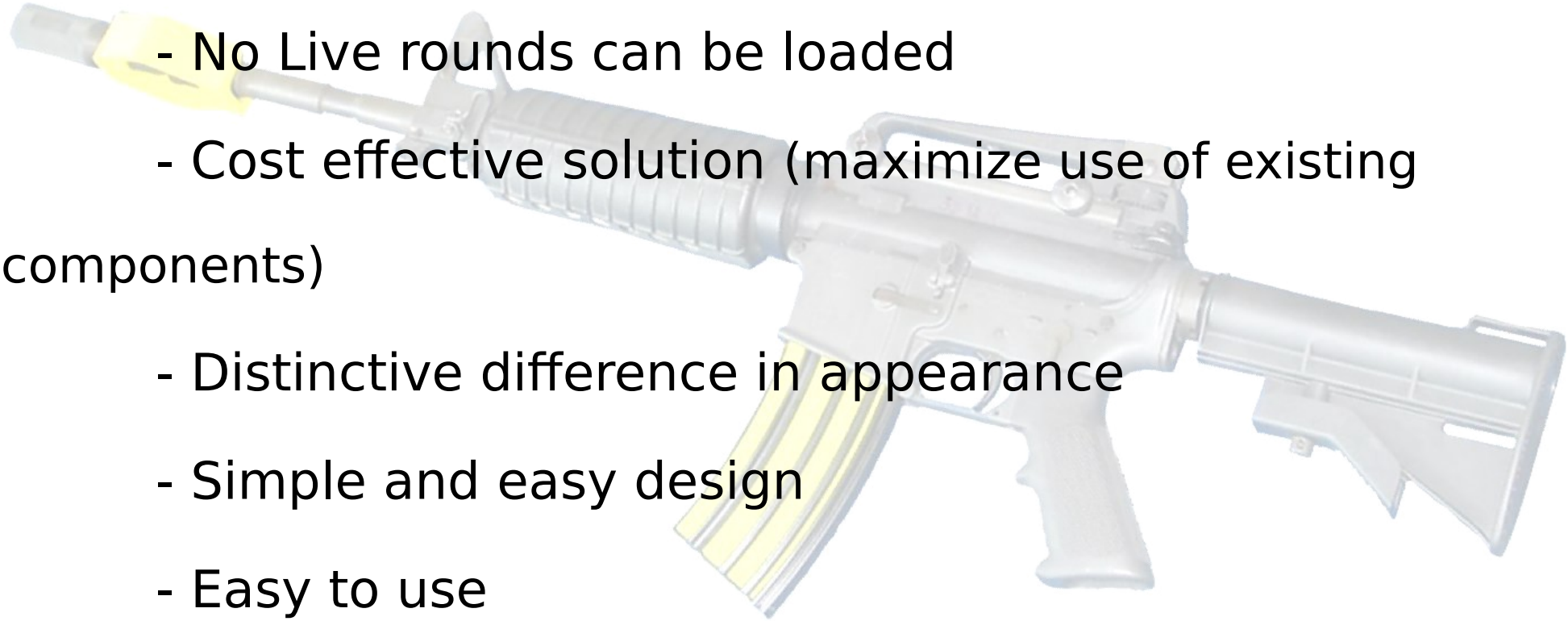
- No Live rounds can be loaded

- Cost effective solution (maximize use of existing components)

- Distinctive difference in appearance

- Simple and easy design

- Easy to use



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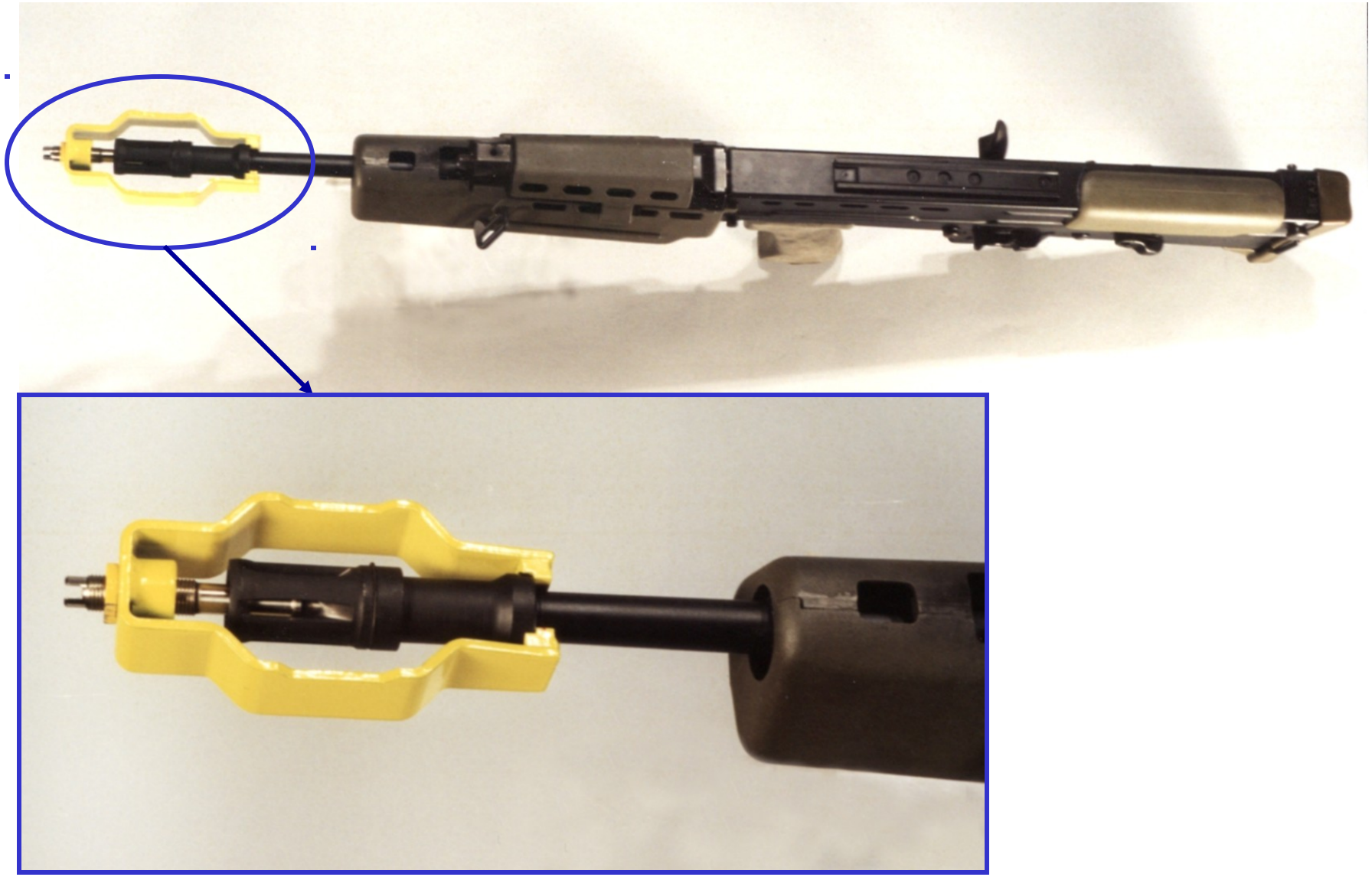
SA80 Current Standard



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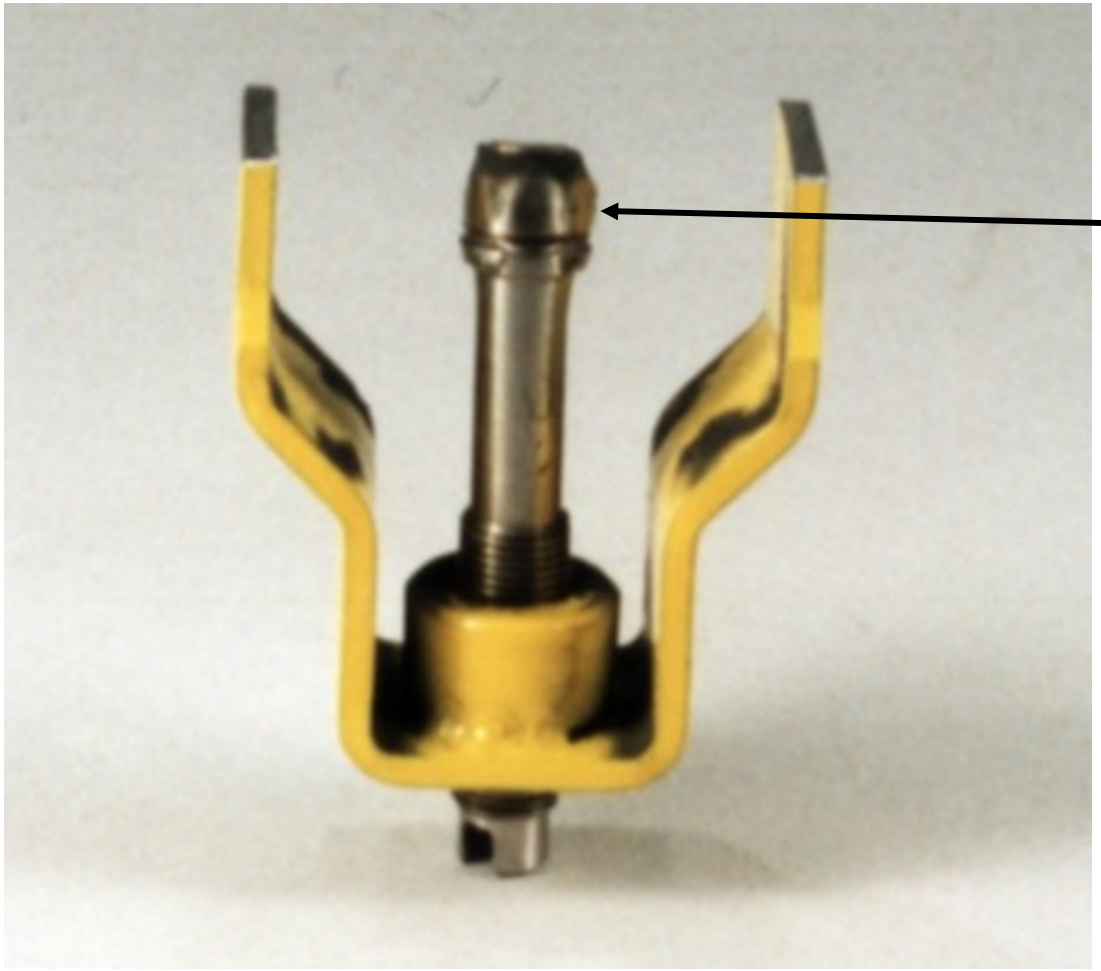
SA80 BFA Current Standard

After 1 Live Round fired



Stretched choke-tube

1 live round fired

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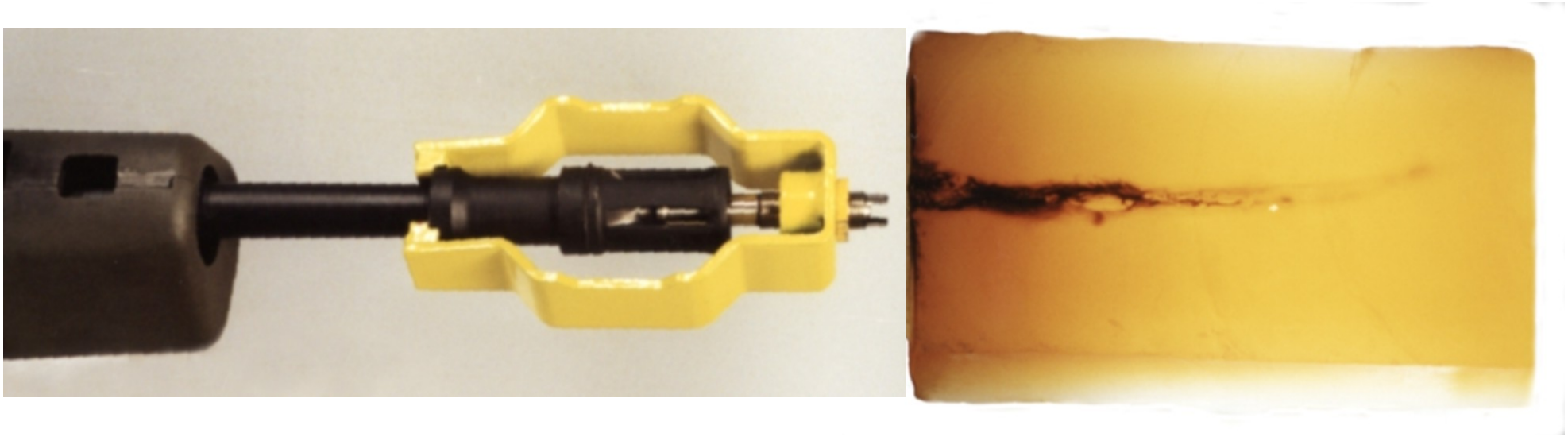
Current Standard SA80 BFA and Gelatine Block

1 Live Round fired



One Live round fired through a SA80 BFA
Ammunition British RG L2A1

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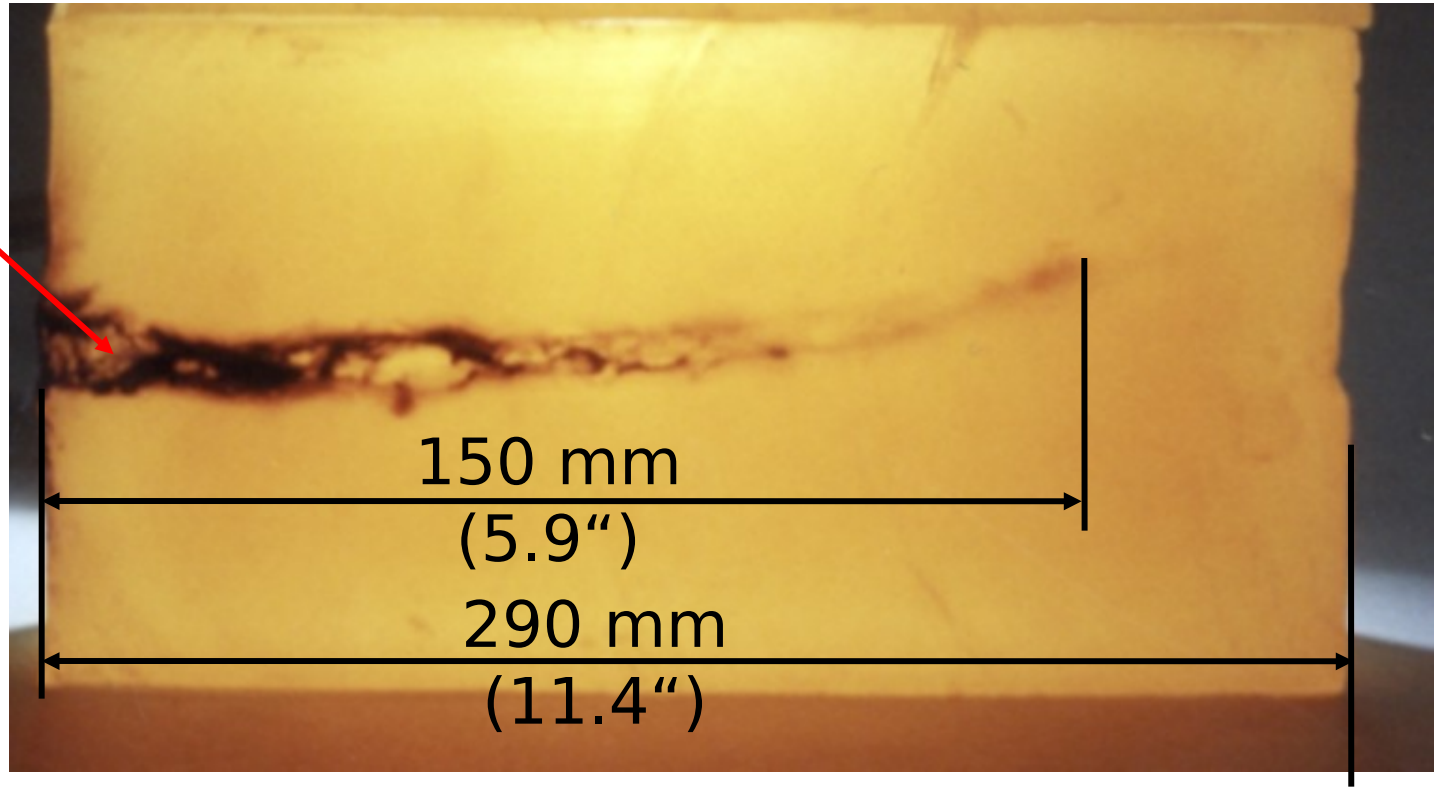
Gelatine Block

One Live Round fired through SA80 BFA

Penetration



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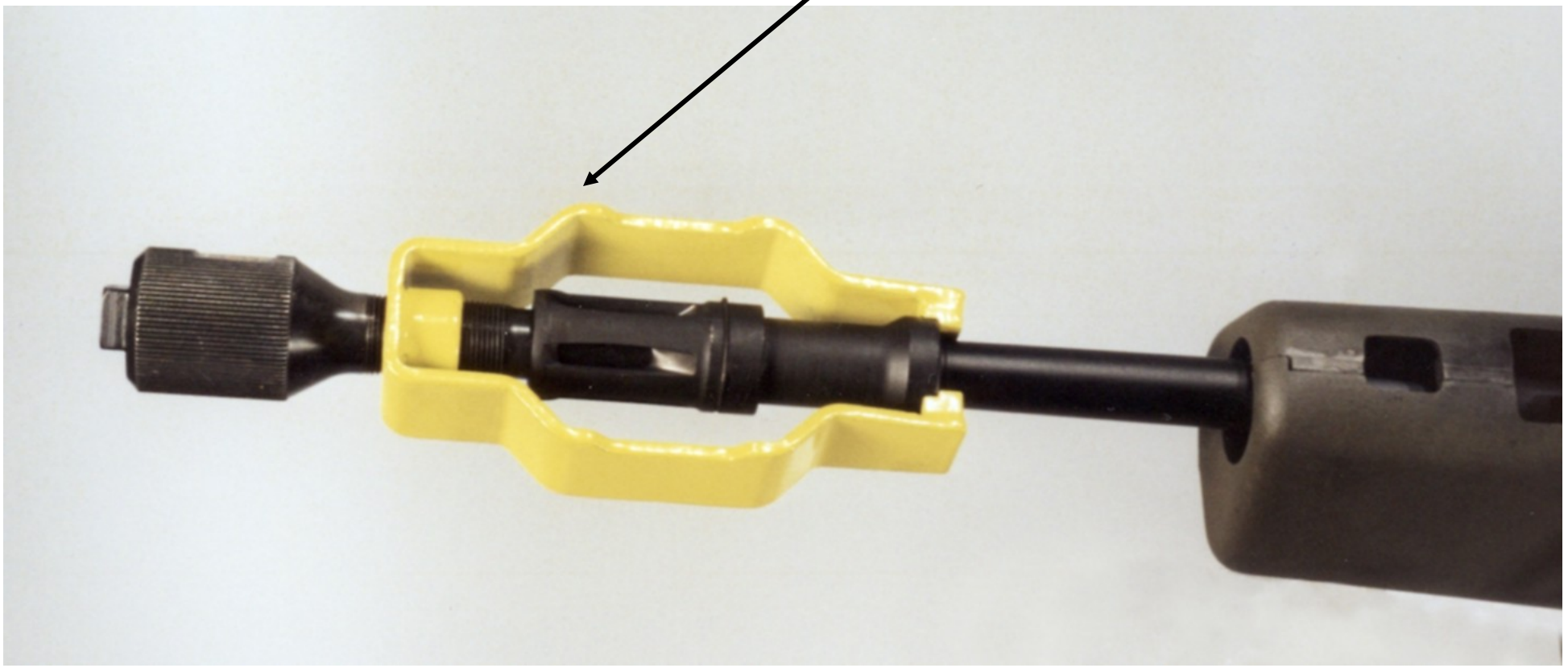
New Safety BFA

New Safety BFA attached to
a British SA80 Rifle



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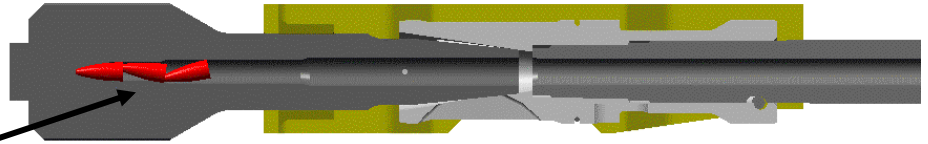
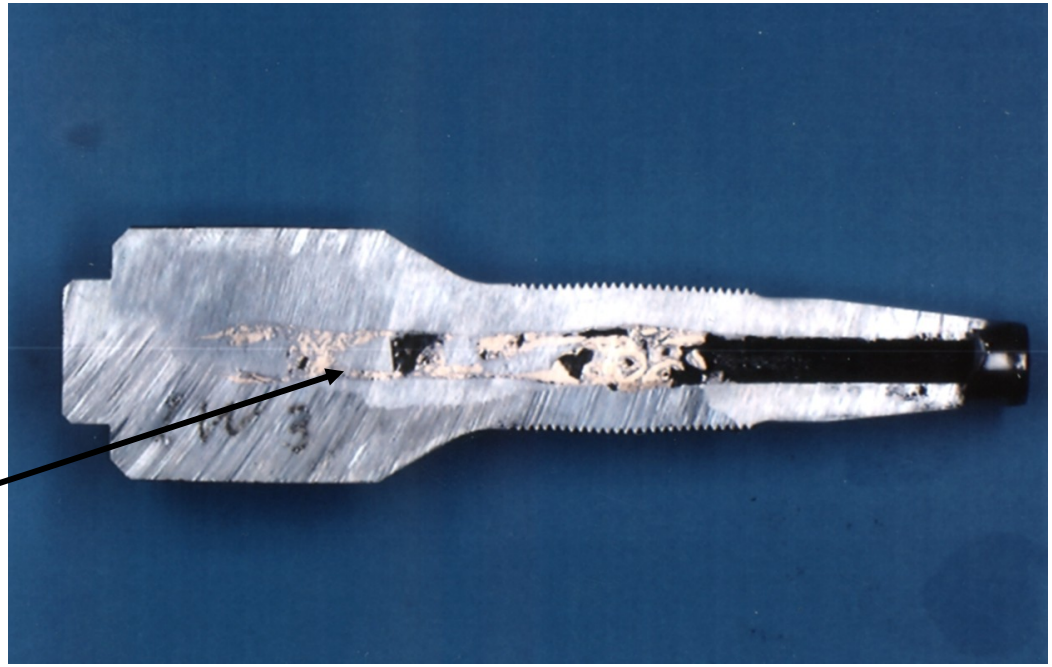
SA80 IW Safety BFA
3 Live Rounds fired



3 Bullets



3 Bullets

Actual Cross section
Note: Same results in SA80 LSW

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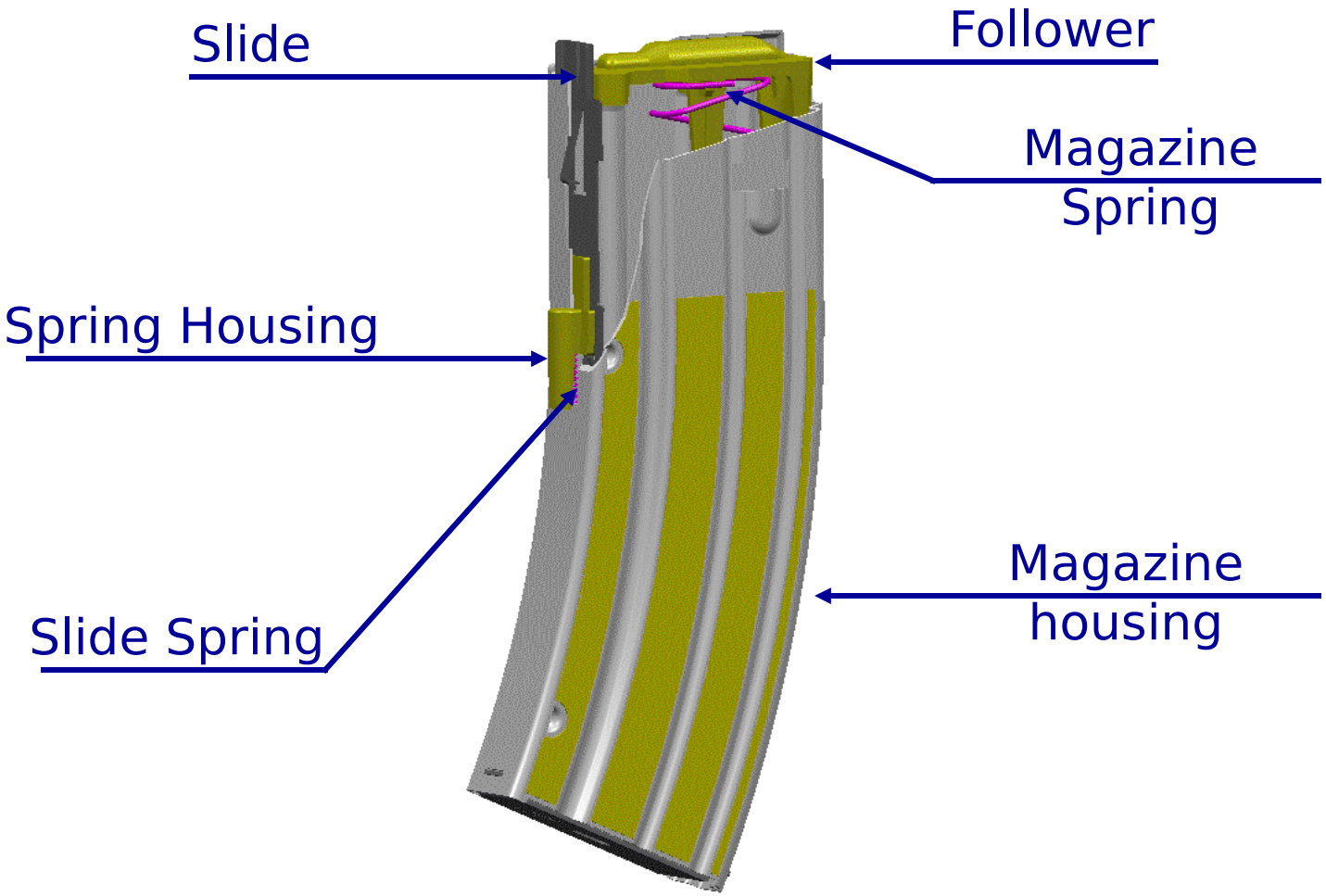
LREM - Magazine



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Live Round Excluder Magazine

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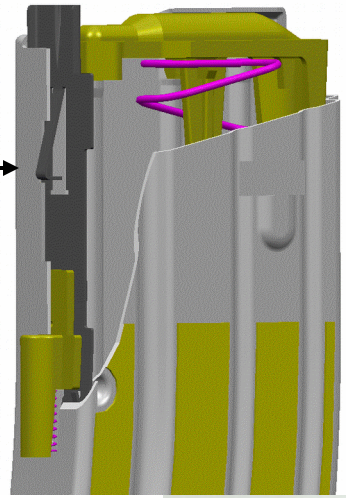
Manipulate BFA - Magazine
Loaded with 3 rounds live Ammunition



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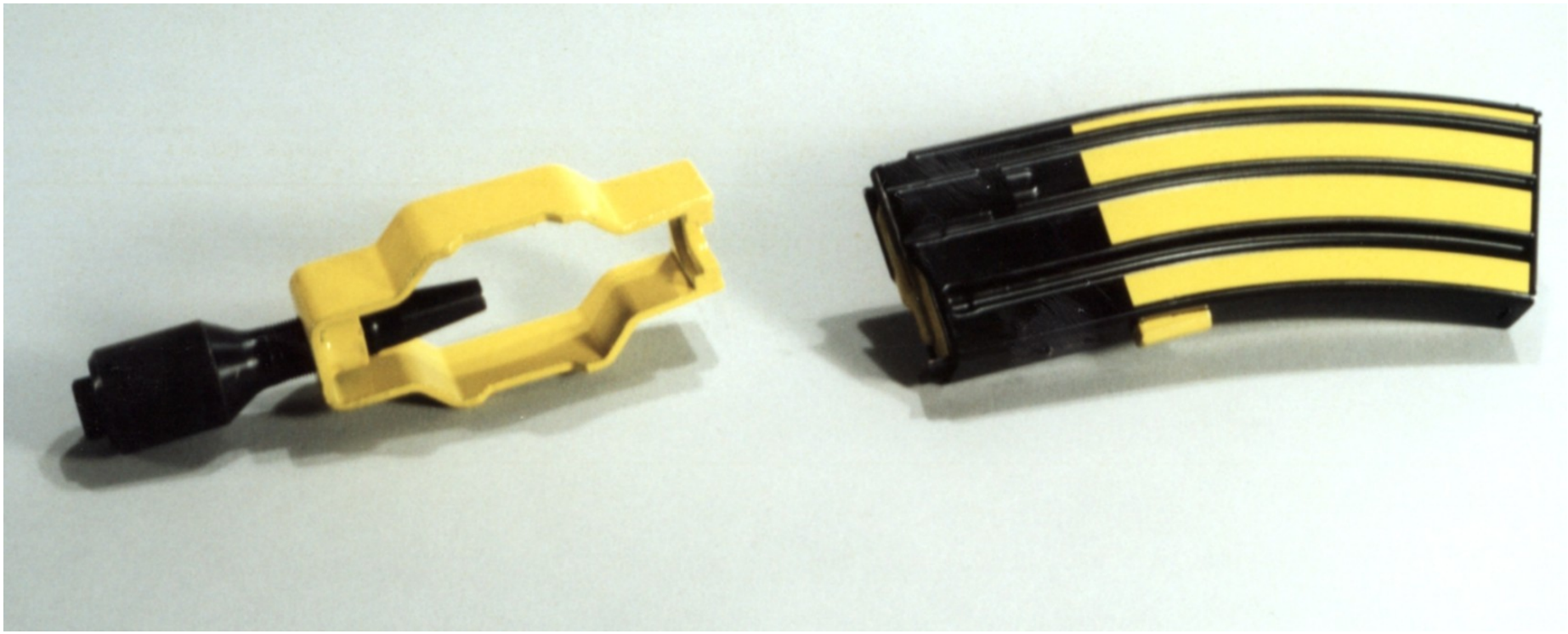
Conclusion = Maximum User Safety

➔ Combination HK Safety BFA and LREM Magazine



- Units fielded presently with the British MOD.
Design can be successfully applied to other weapons

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Conclusion Maximum User Safety

for the US Soldier, Marine, Airman or Law Enforcement Personnel

- Combination US M16 or M4 with LREM Magazine and Safety

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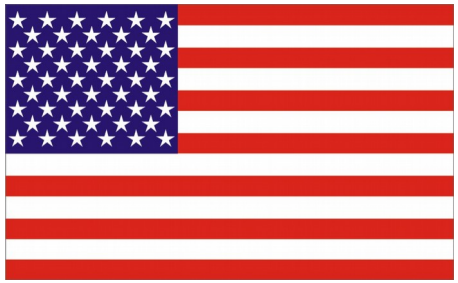
Contract Information



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